



# Lithium Battery For Solar System

The Ultimate Clean And Safe Energy You Can Rely On

LiFePO4 Battery



**POLINOVEL**

Professional Lithium Battery Manufacturer



# Benefits of Lithium Battery

Safety	Most safe chemistry of LiFePO <sub>4</sub> , "BMS + PCB" dual safety protection
Superior Durability	Patented screw fastening structure outperform in harsh environment
Expandable Energy	Series or parallel connection allowed to get more power
Drop-in Replacement	Standard size same as lead acid for easy replacement
Flexible Installation	Can be installed in horizontal or other sides
Customizable	Specification customizable to fit specific application needs
Light Weight	50% less weight than lead acid battery
Longer Life	8-10 times longer cycle life than lead acid
Maximum Usable Capacity	25-50% more capacity than lead acid battery
Long Shelf Life	Low self discharge in storage period
Wide Temperature Range	More efficient and safe operation at wide temperature range 0-60°C
Maintenance Free	No maintenance that saving cost in long time use
Environment-friendly	Non-hazardous, non-pollution

## Solar Energy System

LiFePO<sub>4</sub> batteries are clean, long-lasting, maintenance-free and safe that provide reliable power for Solar.



# Lithium Battery Specification

Model	Features	Voltage	Capacity	Energy	Discharge Current	Dimension	Weight
HD12100	Durable	12.8V	100Ah	1280Wh	100A/160A	329*172*214mm	14.5kg
HD12200	Durable	12.8V	200Ah	2560Wh	100A/160A	520*240*220mm	27.8kg
HD12300	Durable	12.8V	300Ah	3840Wh	100A/160A	520*269*220mm	36kg
HT12100	Bluetooth	12.8V	100Ah	1280Wh	100A/160A	329*172*214mm	14.5kg
HT12200	Bluetooth	12.8V	200Ah	2560Wh	100A/160A	520*240*220mm	27.8kg
HT12300	Bluetooth	12.8V	300Ah	3840Wh	100A/160A	520*269*220mm	36kg
V3000	Wall-mounted	51.2V	66Ah	3379Wh	100A	740*600*122mm	63kg
V5000	Wall-mounted	51.2V	99Ah	5068Wh	100A	938*605*122mm	85kg
V7000	Wall-mounted	51.2V	148.5Ah	7603Wh	100A	1235*605*122mm	110kg
ES12600	High-power	12.8V	600Ah	7680Wh	200A	580*550*250mm	83kg
ES24300	High-power	25.6V	300Ah	7680Wh	200A	580*550*250mm	83kg
ES48200	High-power	51.2V	200Ah	10240Wh	200A	840*530*380mm	106kg
ES48300	High-power	51.2V	300Ah	15360Wh	200A	840*530*380mm	140kg
ES48400	High-power	51.2V	400Ah	20480Wh	200A	927*460*475mm	198kg



Polinovel is committed to providing the safest and highest quality lithium batteries that deliver long-lasting, outperform, reliable power for solar energy storage systems. Welcome to contact us for more battery information and assistance.